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Attorney Docket No. 21578-002CON

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS DiTullio *et al.*

FOR: GENETIC MANIPULATION OF SPERMATOGONIA

**Mail Stop Patent Application**

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT AND ACCOMPANYING  
FORM PTO-1449**

Applicants submit herewith copies of modified PTO-1449 forms submitted in parent application USSN 09/247,246 from which the presently filed application claims priority. Copies of the references listed therein are not enclosed but will be provided upon request. Applicants request that each of the listed documents be made of record in the presently filed application.

This information disclosure statement is being submitted concurrently with the filing of the application. Accordingly, no fee is believed due. However, the Commissioner is authorized to charge any fees due, or credit overpayments of same, to Deposit Account No. 50-0311, Ref. No. 21578-002 CON.

Respectfully submitted,



Dated: February 3, 2004

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Modified Form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	09/247,246
	<b>Filing Date</b>	February 9, 1999
	<b>First Named Inventor</b>	Paul DiTullio
	<b>Group Art Unit</b>	1632
	<b>Examiner</b>	R. Schnizer
	<b>Attorney Docket Number</b>	21578-002

**U.S. PATENT DOCUMENTS**

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

**FOREIGN PATENT DOCUMENTS**

Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No

**OTHER NON PATENT LITERATURE DOCUMENTS**

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	CA	Baccetti et al. (2000) "Conclusions", <i>Mol. Reprod. Dev.</i> , Vol. 56, pp. 329-330.
	CB	Brinster et al. (1994) "Germline Transmission of Donor Haplotype Following Spermatogonial Transplantation", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , Vol. 91, pp. 11303-11307.
	CC	Brinster et al. (1994) "Spermatogenesis Following Male Germ-cell Transplantation", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , Vol. 91, pp. 11298-11302.
	CD	Cappello et al. (2000) "hDAF Expression in Hearts of Transgenic Pigs Obtained by Sperm-Mediated Gene Transfer", <i>Transpl. Proc.</i> , Vol. 32, pp. 895-896.
	CE	Hagmann, M. (1999) "Fertility Therapy May Aid Gene Transfer", <i>Science</i> , Vol. 284, pp. 1098-1099.
	CF	Lai et al. (1997) "Generation of Transgenic Mice Expressing Human Tissue-type Plasminogen Activator in Mammary Glands by Transfecting Spermatogenesis <i>In Vivo</i> ", In Annual Anthology of University of Agriculture and Animal Science, PLA., Changchun, p. 58.
	CG	Lavitrano et al. (1999) "Human Decay Accelerating Factor Transgenic Pigs for Xenotransplantation Obtained by Sperm-Mediated Gene Transfer", <i>Transpl. Proc.</i> , Vol. 31, pp. 972-974.
	CH	Maione et al. (1998) "Sperm-Mediated Gene Transfer in Mice", <i>Mol. Repr. And Dev.</i> , Vol. 50, pp. 406-409.
	CI	Ogura et al. (1998) "Development of Normal Mice from Metaphase I Oocytes, Fertilized with Primary Spermatocytes", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , Vol. 95, pp. 5611-5615.
	CJ	Perry et al. (1999) "Mammalian Transgenesis by Intracytoplasmic Sperm Injection", <i>Science</i> , Vol. 284, pp. 1180-1183.
	CK	Songsasen et al. (1998) "Live Mice from Cryopreserved Embryos Derived <i>In Vitro</i> with Cryopreserved Ejaculated Spermatozoa", <i>Lab. Anim. Sci.</i> , Vol. 48, pp. 275-281.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, U.S.S.N. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. § 120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.